

20081031.ba v04\_n218.bam.20081031

>From ???@??? Fri Oct 31 12:20:59 2008 -0600  
Date: Fri, 31 Oct 2008 11:19:48 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4218  
Message-Id: <20081031161823.5F00C10B219@srvr1.theporch.com>

BOATANCHORS Digest 4218

Topics covered in this issue include:

- 1) Re: HRO dial backlash fix  
by "JAMES HANLON" <knjhanlon@msn.com>
- 2) OS-8  
by "Guido Santacana" <laffitte@prtc.net>
- 3) Re: Joe Veras boatanchor photo book  
by "Alan Fryer" <N3BJ@cox.net>
- 4) FS: Nice Globe King 400B needs a new home  
by John Poulton <jp@cs.unc.edu>
- 5) Re: FS: Nice Globe King 400B needs a new home  
by john <johnmb@nc.rr.com>
- 6) Re: Joe Veras boatanchor photo book  
by stuck in 50s <polepeeg@aaa4rm.ba-watch.org>
- 7) FS: TCS transmitter  
by Charles Morris <charlesmorris800@centurytel.net>
- 8) Heath Q Meter Test Coil Value?  
by "B. Smith" <smithab11@comcast.net>
- 9) Re: Heath Q Meter Test Coil Value?  
by "RJ Mattson" <rjmattson@hvi.net>
- 10) RE: Heath Q Meter Test Coil Value?  
by "Art Lebermann" <artleb@earthlink.net>
- 11) Re: Heath Q Meter Test Coil Value?  
by "Bill Fizette" <w2dgb@ptd.net>
- 12) HEATH IM-4190 MANUAL?  
by "K0DAN" <k0dan@comcast.net>
- 13) Thordarson Transformer Question  
by "Wilson Lamb" <infomet@embarqmail.com>
- 14) Thordarson Transformer Question  
by "Wilson Lamb" <infomet@embarqmail.com>
- 15) Viking Valiant Question...  
by Jack Harper <jharper@frobenius.com>
- 16) Re: Viking Valiant Question...  
by <wq9e@speednet.com>
- 17) Re: Viking Valiant Question...  
by "k4pf@juno.com" <k4pf@juno.com>
- 18) More Transformer Questions

by "Wilson Lamb" <infomet@embarqmail.com>  
19) Seeking Info: WWI German Crystal Set  
by Al Klase <al@ar88.net>  
20) Racal Receiver Model Number Confirmation  
by Jerry Proc <jerry7proc@yahoo.com>

-----  
Message-ID: <BAY110-DS67FF503778BAB8F38D8D6A02B0@phx.gbl>  
From: "JAMES HANLON" <knjhanlon@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: HRO dial backlash fix  
Date: Fri, 24 Oct 2008 14:35:16 -0600  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0173\_01C935E5.BE64F4C0"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_0173\_01C935E5.BE64F4C0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Art,

I'm not sure I believe the "it attracts dirt" line. Most any lubricant =  
will hold dirt if it presents itself, but I don't think any lubricant =  
has some kind of attractive force for dirt associated with it.

I would be careful what kind of lubricant I used for freeing up =  
boatanchor gears, especially split-gear ones like the HRO NPW drive =  
mechanism that are subject to sticking together. Some lubricants, like =  
WD-40 for example, are a mixture of more volatile compounds and waxy =  
compounds. When the volatile portion evaporates, the waxy residue could =  
take over and cause the gears to stick again. I would suggest using a =  
grease solvent to clean things up initially followed by lubrication with =  
a light-weight grade oil. =20

Jim, W8KGI

----- Original Message -----=20  
From: ail0@att.net<mailto:ail0@att.net>=20  
To: Old Tube Radios<mailto:boatanchors@theporch.com>=20  
Sent: Wednesday, October 22, 2008 10:58 AM  
Subject: Re: HRO dial backlash fix

Gang: I've been using chain link spray to loosen up things like door =

locks, hinges, etc. My wife bought a bike at a yard sale last week and =  
the owner told her not to use chain link spray because it attracts dirt. =  
He suggested

Advance Auto Parts MPL multi purpose lubricant because it does not =  
collect dirt. Any thoughts about using  
it to free up boatanchor gears? According to the label, it does not =  
contain silicon. (My wife went into their  
store to get the stuff and the elderly clerk told her "we don't stock =  
anything like that" The young clerk said

"that's our best seller" and gave her a can. Only \$2.95 compared with =  
\$9.50 for chain link spray)

My wife NEVER overpays!

Thanks for your advice,

73's

Art K3HBA

-----=\_NextPart\_000\_0173\_01C935E5.BE64F4C0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_0173\_01C935E5.BE64F4C0--

-----  
Message-ID: <002d01c93631\$33f2b010\$4000000a@CPQ10443900021>

From: "Guido Santacana" <laffitte@prtc.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: OS-8

Date: Fri, 24 Oct 2008 20:35:27 -0300

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=response

Content-Transfer-Encoding: 7bit

Hi Gang,

I need an OS-8 oscilloscope working or not as long as the power  
transformer is OK. Anyone got an extra one of these?

73s

Guido KP4FAR

-----  
Message-ID: <6357AB18BDA145B09BAA7C7A2D5857A4@AlanPC>

From: "Alan Fryer" <N3BJ@cox.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Joe Veras boatanchor photo book

Date: Sat, 25 Oct 2008 13:01:03 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

What a masterpiece ! Those of us that know Joe realize the amount of time and dedication that went into this excellent work.

A great Christmas present - tell the XYL !

Alan, N3BJ

----- Original Message -----

From: "Nick England" <nick@3rdtech.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Friday, October 24, 2008 10:19 AM

Subject: Joe Veras boatanchor photo book

>

> FYI - Joe Veras K90CO has produced a really handsome book covering

> interesting vintage ham radio gear. Joe did all the CQ vintage calendars

> and

> the quality of the gear and his 400 photos is outstanding. Lots of rare as

> well as significant gear is pictured.

>

> "50 Years of Amateur Radio Innovation -- Transceivers, Receivers and

> Transmitters: 1930-1980"

> <http://www.arrl.org/catalog/?item=0228>

>

> Joe also has a CD available with an additional 800 photos that didn't fit

> in

> the book.

> <http://jveras.com/vintagebook.htm>

>

> no financial interest, etc., just an admirer of Joe's work.

> cheers,  
> Nick KD4CPL  
>  
>  
>  
> --  
> No virus found in this incoming message.  
> Checked by AVG.  
> Version: 7.5.549 / Virus Database: 270.8.2/1743 - Release Date: 10/24/2008  
> 8:33 AM  
>  
>

-----  
Date: Sat, 25 Oct 2008 17:21:03 -0400 (EDT)  
From: John Poulton <jp@cs.unc.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: Nice Globe King 400B needs a new home  
Message-ID: <Pine.LNX.4.64.0810251712140.32338@swan5.cs.unc.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII; format=flowed

Folks,

I purchased a really beautiful Globe King 400B at Dayton. Unfortunately, as my parents used to tell me, my eyes were bigger than my stomach! Er.. so to speak. It was, and is, an intriguing rig, but I've just got too many radios in the shack, and something has to go.

This radio is in amazingly nice cosmetic shape for "unrestored". The only cosmetic issues are some very minor scuffs and scratches on the mod panel, and some slight metal hackery at the rear where an antenna connector was installed. All 3 chassis are gleaming black wrinkle.. the pix below just don't do it justice. The transmitter comes with a spare set of both PA and modulator tubes, a complete set of coils, a bunch of interconnecting cables, and a Xerox copy of the manual.

I haven't fired the transmitter up, but it really looks ready to plug in and operate. Pix at:

[http://www.jptronics.org/pix/globe\\_king\\_400b](http://www.jptronics.org/pix/globe_king_400b)

This transmitter is seriously heavy, and I won't/can't ship it. Pickup in Chapel Hill, NC, is the best option. I could also be persuaded to deliver the radio to a Southeast hamfest, including the upcoming one in Lawrenceville (Atlanta). Or.. I'm open to some other creative option. If you pick it up, you might see something else you have to have!

Asking \$850.

73, John K4OZY

--

-----  
Message-Id: <6.2.1.2.2.20081025173831.037bd0c0@pop-server.nc.rr.com>  
Date: Sat, 25 Oct 2008 17:38:56 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@nc.rr.com>  
Subject: Re: FS: Nice Globe King 400B needs a new home  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

JP, this is one of your SMALLEST radios! Surely there's a home for it somewhere there?

;-)

John K5MO

At 05:21 PM 10/25/2008, John Poulton wrote:

>Folks,

>

>I purchased a really beautiful Globe King 400B at Dayton. Unfortunately,  
>as my parents used to tell me, my eyes were bigger than my stomach! Er..  
>so to speak. It was, and is, an intriguing rig, but I've just got too  
>many radios in the shack, and something has to go.

>

>This radio is in amazingly nice cosmetic shape for "unrestored". The  
>only cosmetic issues are some very minor scuffs and scratches on the  
>mod panel, and some slight metal hackery at the rear where an antenna  
>connector was installed. All 3 chassis are gleaming black wrinkle..  
>the pix below just don't do it justice. The transmitter comes with a  
>spare set of both PA and modulator tubes, a complete set of coils, a bunch  
>of interconnecting cables, and a Xerox copy of the manual.

>

>I haven't fired the transmitter up, but it really looks ready to plug  
>in and operate. Pix at:

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>[http://www.jptronics.org/pix/globe\\_king\\_400b](http://www.jptronics.org/pix/globe_king_400b)

>

>This transmitter is seriously heavy, and I won't/can't ship it. Pickup  
>in Chapel Hill, NC, is the best option. I could also be persuaded to  
>deliver the radio to a Southeast hamfest, including the upcoming one

>in Lawrenceville (Atlanta). Or.. I'm open to some other creative option.  
>If you pick it up, you might see something else you have to have!  
>  
>Asking \$850.  
>  
>73, John K4OZY  
>  
>--

-----  
Date: Sun, 26 Oct 2008 10:17:33 -0400 (EDT)  
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200810261417.m9QEHXR029716@fracas.netboobie.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Joe Veras boatanchor photo book

I was awol last week but laptop-connected. The 1st thing upon return  
@ 10P was cracking the book for 2 hr.s.

This is the Kama Sutra of hamdom! It's all there.

---and---

in light of this comment

> It's a beautifully crafted book,

I beg y'all to look @ the Gross 25CW. The shaft identifiers were soup can  
tops for the photo.

Joe then took photoshop & filled in the inscriptions.

That's just one example of the means taken to make this opus magnus

Marty aka aa4rm

-----  
From: Charles Morris <charlesmorris800@centurytel.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: TCS transmitter  
Date: Sun, 26 Oct 2008 11:46:34 -0600  
Message-ID: <pta9g4t1j4j0hjg77i48p9becri948ejt5@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

I have a TCS-12 transmitter (made by Collins) in good shape. Some  
front panel corrosion spots and antenna terminal replaced with S0239.

Complete with power cable (and homebrew power supply if interested).

I haven't used it in a long time (late 1970's) but it's clean inside.  
Please email me off list if you're interested. Shipping will be from  
zip 65775 or you can pick it up in St. Louis.

thanks  
Charles

-----  
Message-ID: <000901c93889\$14fdc460\$271cc847@BCXHTR8HVC4P>  
From: "B. Smith" <smithab11@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Heath Q Meter Test Coil Value?  
Date: Mon, 27 Oct 2008 18:09:35 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

I have a Heath Q Meter model QM-1 that I am trying to resurrect and  
calibrate. It has a "test coil" that is unmarked (the glued on tag came  
off). Does anyone have a QM-1 with the original test coil that you could  
give me the value that is marked on your coil. I realize that each coil was  
slightly different but would like a general value.

73  
breck k4che

-----  
Message-ID: <B423D0642DD54BC4A4AAA96AF2391A08@Compaq2200>  
From: "RJ Mattson" <rjmattson@hvi.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Heath Q Meter Test Coil Value?  
Date: Mon, 27 Oct 2008 20:43:59 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi breck  
Labeled:

L - 250 micro H  
CE - 96 mmfd  
Q - 110



bob...w2ami

----- Original Message -----

From: "B. Smith" <smithab11@comcast.net>

Subject: Heath Q Meter Test Coil Value?

I have a Heath Q Meter model QM-1 that I am trying to resurrect and calibrate. It has a "test coil" that is unmarked (the glued on tag came off). Does anyone have a QM-1 with the original test coil that you could give me the value that is marked on your coil. I realize that each coil was slightly different but would like a general value.

73

breck k4che

-----  
Message-ID: <380-22008102281214462@earthlink.net>

From: "Art Lebermann" <artleb@earthlink.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: Heath Q Meter Test Coil Value?

Date: Mon, 27 Oct 2008 18:21:44 -0700

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Breck....

Mine is almost the same as Bob's:

$L = 250 \text{ uh}$

$Q = 110$

$C_e = 95 \text{ mmf}$

73,

ART

W6REQ

> [Original Message]

> From: B. Smith <smithab11@comcast.net>

> To: Old Tube Radios <boatanchors@theporch.com>

> Date: 10/27/2008 3:09:33 PM

> Subject: Heath Q Meter Test Coil Value?

>

> I have a Heath Q Meter model QM-1 that I am trying to resurrect and

> calibrate. It has a "test coil" that is unmarked (the glued on tag came

> off). Does anyone have a QM-1 with the original test coil that you could  
> give me the value that is marked on your coil. I realize that each coil  
was  
> slightly different but would like a general value.  
>  
> 73  
> breck k4che  
>

-----  
Message-ID: <BED752A7124E4C9BA52C1AC1DA430585@BillPC>  
From: "Bill Fizette" <w2dgb@ptd.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Heath Q Meter Test Coil Value?  
Date: Tue, 28 Oct 2008 10:33:28 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

Breck,

Mine is in the same area...L is 250 uh, Ce is 95 uuf, and Q is 110. Same as  
Art's.

73, Bill w2dgb

----- Original Message -----  
From: "Art Lebermann" <artleb@earthlink.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Monday, October 27, 2008 9:21 PM  
Subject: RE: Heath Q Meter Test Coil Value?

> Breck....  
>  
> Mine is almost the same as Bob's:  
>  
> L = 250 uh  
>  
> Q = 110  
>  
> Ce = 95 mmf  
>  
> 73,  
> ART

> W6REQ  
>  
>  
>> [Original Message]  
>> From: B. Smith <smithab11@comcast.net>  
>> To: Old Tube Radios <boatanchors@theporch.com>  
>> Date: 10/27/2008 3:09:33 PM  
>> Subject: Heath Q Meter Test Coil Value?  
>>  
>> I have a Heath Q Meter model QM-1 that I am trying to resurrect and  
>> calibrate. It has a "test coil" that is unmarked (the glued on tag came  
>> off). Does anyone have a QM-1 with the original test coil that you could  
>> give me the value that is marked on your coil. I realize that each coil  
> was  
>> slightly different but would like a general value.  
>>  
>> 73  
>> breck k4che  
>>  
>  
>

-----  
No virus found in this incoming message.  
Checked by AVG - <http://www.avg.com>  
Version: 8.0.175 / Virus Database: 270.8.4/1751 - Release Date: 10/27/2008  
10:44 PM

-----  
Message-ID: <02ad01c93918\$98aa0f50\$6601a8c0@K0DAN>  
From: "K0DAN" <k0dan@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: HEATH IM-4190 MANUAL?  
Date: Tue, 28 Oct 2008 11:16:39 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

Anyone have a copy of the manual for a Heath IM-4190 wattmeter? I have the schematic, but need the full manual.

Tnx es 73

Dan

K0DAN

( k0dan at arrl dot net )

-----  
Message-ID: <19BAFD5E8ACE413F963180ACB6F5BB78@wilsonspc>

From: "Wilson Lamb" <infomet@embarqmail.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "Old Tube Radios" <boatanchors@theporch.com>

Subject: Thordarson Transformer Question

Date: Tue, 28 Oct 2008 21:00:23 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

Does anyone have catalog spec's for a Thordarson 6265?

It seems to be 500 Ohm line to PP grids. Must be for pretty high power, since it's 4" high and several pounds.

Thanks,

Wilson

W4BOH

-----  
Message-ID: <8AEA3051BE504F8BA7E59D521850BFC1@wilsonspc>

From: "Wilson Lamb" <infomet@embarqmail.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "Old Tube Radios" <boatanchors@theporch.com>

Subject: Thordarson Transformer Question

Date: Tue, 28 Oct 2008 21:14:09 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=original

Content-Transfer-Encoding: 7bit

Belay that request re the 6265.

I tried another tack and found a great site, with the complete 1937 catalog!

<http://amfone.net/Tech/online.htm>

Thanks,

Wilson

W4BOH

-----  
Date: Wed, 29 Oct 2008 15:08:05 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jack Harper <jharper@frobenius.com>  
Subject: Viking Valiant Question...  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"; format=flowed  
Content-Transfer-Encoding: quoted-printable  
Message-Id: <20081029210606.77910621FE5@mpls-qmqp-03.inet.qwest.net>

Greetings to the BA List on a beautiful sunny=20  
fall day here in the Rocky Mountains --

Does anyone know the characteristics of the push=20  
to talk relay in the Viking Valiant transmitter?

E.g., the DC voltage and the current drawn for that relay.

A friend of mine with a Valiant has used=20  
substitutes only to have the relay coil open.

He believes that the original relay was 12 volts=20  
DC but the resistance and current are unknown.

Thoughts?

Regards,

Jack, W=D8YJ (Friend to all Things Hammarlund)  
Evergreen, Colorado USA

-----  
Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/html; charset="iso-8859-1"  
MIME-Version: 1.0  
From: <wq9e@speednet.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Viking Valiant Question...  
Date: Wed, 29 Oct 2008 16:59:27 -0500  
Message-Id: <20081029215507.ADEE610B1F1@srvr1.theporch.com>

<p><pre>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\*\*\*\*\*  
\* To the SENDER of this email: \*  
\*-----\*  
\* Please don't use HTML tags or 'rich text' here. \*  
\* Set your emailer to turn that off. \*  
\*\*\*\*\*

</pre><p>

<p><br /><br /> Jack,</p><p>It is a DC relay with a high resistance coil fed from a voltage divider from the B+ line and has around 140 volts applied = to it.&nbsp; I believe it is a 15K coil and I am pretty sure I have the info at home, I will check later tonight.&nbsp; A 12 volt coil relay would definitely go up in a puff of smoke.&nbsp; I believe Mouser has DC relays with= 120 volt coils that should work fine-perhaps with a slight increase in the= value of the dropping resistor that feeds it.</p><p>&nbsp;</p>Rodger WQ9E<=

<p>&nbsp;</p><p><strong>On Wed Oct 29 15:08 , Jack Harper sent:<br /><br />=</strong><blockquote style=3D"border-left: 2px solid rgb(245, 245, 245); margin-left: 5px; margin-right: 0px; padding-left: 5px; padding-right: 0px;"> Greetings to the BA List on a beautiful sunny <br />=0D fall day here in the Rocky Mountains --<br />=0D

<br />=0D

Does anyone know the characteristics of the push <br />=0D to talk relay in the Viking Valiant transmitter?<br />=0D

<br />=0D

E.g., the DC voltage and the current drawn for that relay.<br />=0D

<br />=0D

A friend of mine with a Valiant has used <br />=0D

substitutes only to have the relay coil open.<br />=0D

<br />=0D

He believes that the original relay was 12 volts <br />=0D

DC but the resistance and current are unknown.<br />=0D

<br />=0D

Thoughts?<br />=0D

<br />=0D

<br />=0D

Regards,<br />=0D

<br />=0D

Jack, W&0slash;YJ (Friend to all Things Hammarlund)<br />=0D

Evergreen, Colorado USA<br />=0D

<br />=0D

<br />=0D

</blockquote>=0D

</p><BR>=

-----  
Mime-Version: 1.0

From: "k4pf@juno.com" <k4pf@juno.com>

Date: Wed, 29 Oct 2008 21:59:06 GMT

To: Old Tube Radios <boatanchors@theporch.com>

Cc: boatanchors@theporch.com  
Subject: Re: Viking Valiant Question...  
Message-Id: <20081029.175906.17892.0@webmail06.vgs.unttd.com>  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline  
Content-Type: text/plain; charset=ISO-8859-1

-- Jack Harper <jharper@frobenius.com> wrote:  
>Does anyone know the characteristics of the push =

to talk relay in the Viking Valiant transmitter?  
E.g., the DC voltage and the current drawn for that relay.  
A friend of mine with a Valiant has used =

substitutes only to have the relay coil open.  
He believes that the original relay was 12 volts =

DC but the resistance and current are unknown.

Hi, Jack

I can see why your friend is burning up 12V relays!  
The Valiant relay is fed from the mid point =

of two series 15K resistors across the 300VDC supply.

Probably any small relay with a 110VDC coil would serve,  
like a Potter and Brumfield KHU-17D12-110  
(The coil resistance of the relay I suggested is 10.8K)

73,  
Ed Knobloch

-----  
Message-ID: <47D1AE75067341989A98CB98079C3394@wilsonspc>  
From: "Wilson Lamb" <infomet@embarqmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: More Transformer Questions  
Date: Wed, 29 Oct 2008 21:56:23 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original

Content-Transfer-Encoding: 7bit

Three tonight.

Nice little Triad, beautifully sealed.

>From a strip on the side: STK#N17-T-64587-3346

On another side is a logo with a white area below and 2345 printed in. Nice little unit, about 1.5X1.5X2.5"

Gray GE, military looking, three terminals, slightly larger than the Triad.

Stamp on side:

G.E. CO.

CAT. 7472065

564394

Same case, six terminals, red stamp on side:

G.E. CO.

CAT.7472064

564392

I know these are long shots, but I'd really like to be able to use them. They are in a storage box marked "interstage", so I must have thought that's what they are 35 years ago when I labeled the box.

Thanks,

Wilson

W4BOH

Same case, six terminals

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Message-ID: <4909E953.4000607@ar88.net>

Date: Thu, 30 Oct 2008 13:05:23 -0400

From: Al Klase <al@ar88.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Seeking Info: WWI German Crystal Set

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

Here's a link to drawings of a WWI German crystal set done by the U.S. Army Signal Corps, Research and Inspection Division in France in 1918. Coincidentally this was the unit to which Edwin Armstrong was attached when he developed the superheterodyne. See:  
<http://users.erols.com/oldradio/eha13.htm>

This radio is similar in size and function to the French A-1 set that evolved into the Signal Corps BC-14.and BC-14A. See:  
<http://users.erols.com/oldradio/eha8.htm>



However, after designing a number of high-performance crystal radios, and recently restoring and evaluating a BC-14A, I strongly suspect that the German set is a considerably better radio. E.g., notice that the designer had enough insight to tap the detector down to the secondary tuned circuit to get sharper tuning and more sensitivity. This is the earliest implementation of this circuit topology of which I am aware. This arrangement also allowed the calibration of the secondary tuning capacitor, rather than depending on a separate wavemeter as in the French A-1.

Does anyone have any further information on this radio?

Regards,  
Al

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Al Klase - N3FRQ  
Jersey City, NJ  
<http://www.skywaves.ar88.net/>

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Date: Fri, 31 Oct 2008 09:22:11 -0700 (PDT)  
From: Jerry Proc <jerry7proc@yahoo.com>  
Subject: Racal Receiver Model Number Confirmation  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Message-ID: <744166.44341.qm@web90607.mail.mud.yahoo.com>

Hello Group,

Can anyone tell me if the receiver in the photo is a Racal RA-17 or RA-117?  
[http://jproc.ca/rrp/alert\\_ra17\\_ra63\\_b.jpg](http://jproc.ca/rrp/alert_ra17_ra63_b.jpg)

My notes indicate there are only subtle differences between the two. A reading of the nameplate is not possible for reasons too long to explain here.

This receiver was one that was used in Canadian SIGINT service. System wide, both Racal models were used so I'm trying to do my homework here and get the data accurate.

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Regards,  
Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)

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Be smarter than spam. See how smart SpamGuard is at giving junk email the boot  
with the All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail  
today or register for free at <http://mail.yahoo.ca>

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End of BOATANCHORS Digest 4218

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